

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040275.D
 Acq On : 24 Sep 2020 16:43
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010104

Quant Time: Sep 25 02:11:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:03:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	438869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	420684	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	219974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	147315	6.01	ug/L	0.00
7) Chloroethane-d5	1.92	69	119580	5.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	65	75053	7.07	ug/L	0.00
20) 2-Butanone-d5	4.65	46	560580	89.91	ug/L	0.00
24) Chloroform-d	5.08	84	296872	6.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	177717	6.98	ug/L	0.00
32) Benzene-d6	5.74	84	565728	5.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	185453	5.93	ug/L	0.00
41) Toluene-d8	7.90	98	515276	5.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	79431	6.37	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	429022	71.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	159808	6.20	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	190094	5.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	222782	6.398 ug/L	99
3) Chloromethane	1.53	50	217572	6.025 ug/L	99
5) Vinyl chloride	1.61	62	216741	5.707 ug/L	100
6) Bromomethane	1.87	94	116575	5.367 ug/L	98
8) Chloroethane	1.94	64	124402	5.263 ug/L	98
9) Trichlorofluoromethane	2.15	101	282711	6.176 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	179790	6.356 ug/L	99
12) 1,1-Dichloroethene	2.59	96	165559	6.021 ug/L	97
13) Acetone	2.66	43	424706	85.448 ug/L	97
14) Carbon disulfide	2.81	76	571674	6.421 ug/L	98
15) Methyl Acetate	2.97	43	102558	8.332 ug/L	97
16) Methylene chloride	3.06	84	187925	5.039 ug/L	97
17) Methyl tert-butyl Ether	3.38	73	461414	6.540 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	173948	5.898 ug/L	98
19) 1,1-Dichloroethane	3.89	63	348599	6.571 ug/L	98
21) 2-Butanone	4.73	43	720040	90.286 ug/L	100
22) cis-1,2-Dichloroethene	4.69	96	188526	5.798 ug/L	99
23) Bromochloromethane	4.99	128	86732	6.224 ug/L	96
25) Chloroform	5.11	83	354982	6.674 ug/L	98
27) 1,2-Dichloroethane	5.81	62	246764	7.136 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	293323	6.492 ug/L	100
30) Cyclohexane	5.41	56	338635	6.607 ug/L	100
31) Carbon tetrachloride	5.54	117	259521	6.758 ug/L	97
33) Benzene	5.79	78	744280	6.005 ug/L	100
34) Trichloroethene	6.55	95	190377	5.840 ug/L	99
35) Methylcyclohexane	6.77	83	316781	5.785 ug/L	98
37) 1,2-Dichloropropane	6.80	63	200309	6.447 ug/L	99
38) Bromodichloromethane	7.11	83	250311	6.506 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	292053	6.201 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	1659022	84.298 ug/L	100

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42) Toluene	7.98	91	775241	5.758	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	265840	6.968	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	140385	6.169	ug/L	96
47) Tetrachloroethene	8.56	164	136618	5.296	ug/L	97
48) 2-Hexanone	8.69	43	1214183	87.048	ug/L	98
49) Dibromochloromethane	8.81	129	165258	6.302	ug/L	98
50) 1,2-Dibromoethane	8.92	107	135758	6.083	ug/L	92
51) Chlorobenzene	9.45	112	476326	5.561	ug/L	98
52) Ethylbenzene	9.57	91	856357	5.844	ug/L	100
53) m,p-Xylene	9.69	106	317887	5.664	ug/L	98
54) o-Xylene	10.10	106	307729	5.619	ug/L	96
55) Styrene	10.11	104	530314	5.821	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.78	83	182310	6.247	ug/L	99
59) Bromoform	10.29	173	92878	6.033	ug/L	97
60) Isopropylbenzene	10.48	105	829592	5.503	ug/L	99
61) 1,2,3-Trichloropropane	10.82	75	137577	6.264	ug/L	99
62) 1,3,5-Trimethylbenzene	11.09	105	697942	5.449	ug/L	100
63) 1,2,4-Trimethylbenzene	11.46	105	720720	5.638	ug/L	99
64) 1,3-Dichlorobenzene	11.74	146	381519	5.403	ug/L	98
65) 1,4-Dichlorobenzene	11.83	146	387787	5.450	ug/L	98
67) 1,2-Dichlorobenzene	12.20	146	364904	5.373	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	32248	6.834	ug/L	97
69) 1,3,5-Trichlorobenzene	13.21	180	274615	5.178	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	242880	6.153	ug/L	99
71) Naphthalene	14.08	128	463334	7.867	ug/L	100
72) 1,2,3-Trichlorobenzene	14.32	180	219613	6.171	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

